FIG. 1

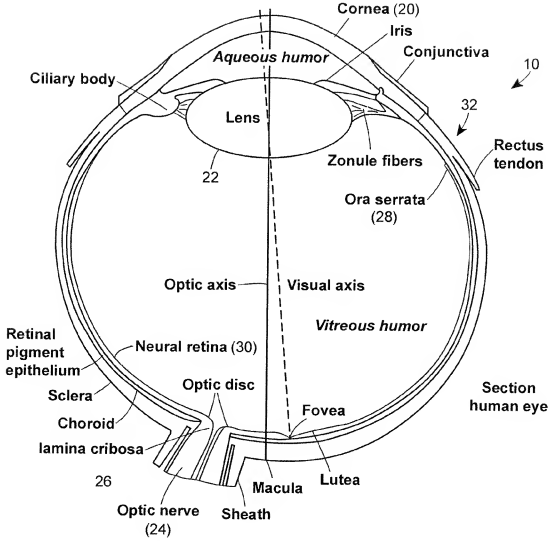

Cornea (20)
Iris
Conjunctiva
Aqueous humor
10
Ciliary body
32
Lens
Rectus tendon
Zonule fibers
22
Ora serrata (28)
Optic axis
Visual axis
Vitreous humor
Retinal pigment epithelium
Neural retina (30)
Optic disc
Section human eye
Sclera
Fovea
Choroid
lamina cribosa
Lutea
26
Macula
Optic nerve (24)
Sheath

FIG. 2

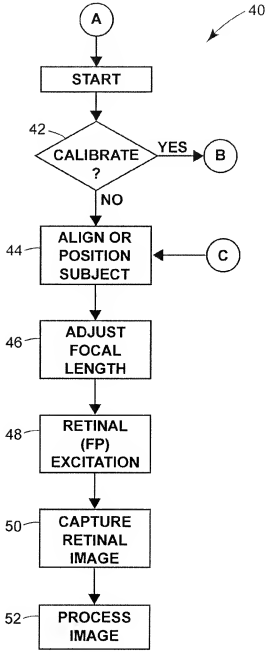
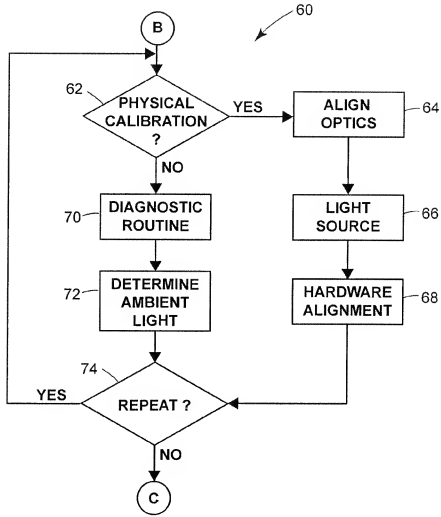
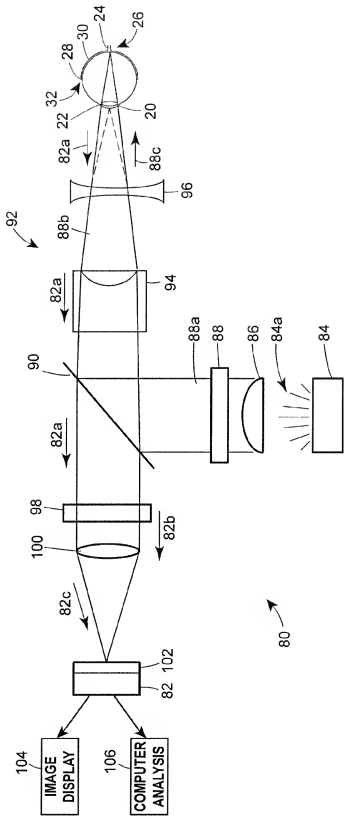

A
40
START
42
CALIBRATE ?
YES
B
NO
44
ALIGN OR POSITION SUBJECT
C
46
ADJUST FOCAL LENGTH
48
RETINAL (FP) EXCITATION
50
CAPTURE RETINAL IMAGE
52
PROCESS IMAGE

FIG. 3


60
B
62
PHYSICAL CALIBRATION ?
YES
ALIGN OPTICS
64
NO
70
DIAGNOSTIC ROUTINE
LIGHT SOURCE
66
72
DETERMINE AMBIENT LIGHT
HARDWARE ALIGNMENT
68
74
YES
REPEAT ?
NO
C

REPLACEMENT SHEET

FIG. 4



ANNOTATED SHEET

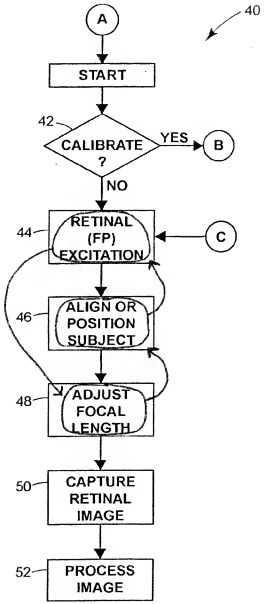



FIG. 2